DECLARATEN AND POWER OF A ORNEY

As a below named inventor, I here—declare that my residence, post office accress and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

NAVIGATION APPARATUS WITH ENHANCED POSITIONAL DISPLAY FUNCTION

which application is: the attached application (for original application))3 , and amended on	<u>-</u> ·	
the claims, as amended by any amer which I am aware and which is mater claim foreign priority benefits under patent or inventor's certificate listed	d the contents of the specification adment referred to above; that I adial to the examination of this application of the S119 below and have also identified or	ion not accompanying application) of the above-identified application, including the showledge my duty to disclose information eation under 37 C.F.R. 1.56(a); and that I here is, §172 or §365 of any foreign application(s) for said list any foreign application for patent of the application on which priority is claimed.	of by or or d:	
insofar as the subject matter of each	Japan March Japan March Japan Februa: , United States Code §120 of any of the claims of this application by the first paragraph of Title 35, ation under 37 C.F.R. 1.56(a) which	ng Date 1710 the Claimed 180, 1992 yes 180, 1992 yes Ty 18, 1992 yes United States application(s) listed below an is not disclosed in a listed prior United State United States Code, §112, I acknowledge in a common the filing date of the pri	es ny	
Application Serial No.	Filing Date	Status (patented, pending, abandoned)		
Robert J. Seas, Jr., Reg. No. 21,092; Reg. No. 24,513; J. Frank Osha, Reg. 19,093; Louis Gubinsky, Reg. No. 24,516; Joseph J. Ruch Reg. No. 29,710; Howard L. Bernstein 31,333; Gordon Kit, Reg. No. 30,764; Boland, Reg. No. 32,197, my attorneys	Darryl Mexic, Reg. No. 23,063; Ro No. 24,625; Waddell A. Biggart, R ,835; Neil B. Siegel, Reg. No. 25,2 a, Jr., Reg. No. 26,577; Sheldon I. I a, Reg. No. 25,665; Alan J. Kasper, Susan J. Mack, Reg. No. 30,951; to prosecute this application and to	lo. 19,046; Thomas J. Macpeak, Reg. No. 19,29 bert V. Sloan, Reg. No. 22,775; Peter D. Oleveg. No. 24,861; Robert G. McMorrow, Reg. No.; David J. Cushing, Reg. No. 28,703; John Landsman, Reg. No. 25,430; Richard C. Turne Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 11,484; and Matransact all business in the Patent and Trademant the application be addressed to SUGHRU	ky, Jo. R. er, Jo. ark ark	
MION, ZINN, MACPEAK & SEAS, I hereby declare that all statements information and belief are believed twillful false statements and the like. Title 18 of the United States Code and or any patent issuing thereon.	2100 Pennsylvania Avenue, N.W. made herein of my own knowle o be true; and further that these so made are punishable by fine or	Washington, D.C. 20037. dge are true and that all statements made of tatements were made with the knowledge the imprisonment, or both, under Section 1001 is may jeopardize the validity of the application.	on nat of	
Date March 5, 1993	First Inventor Takeharu	ARAKAWA Middle Initial Last Name		
Residence Kawagoe-shi,	First Name Signature Jakehazu	Clrusaruce Last Name		
Saitama, Japan	0.6	za Nishi-machi, Ohaza Yamada,	_	
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		Kawagoe Works		
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Citizenship Japanese	Post Office Address	No. 25-1, Aza Nishi-machi, Ohaza Kawagoe-shi, Saitama, Japan, c/o	
Date		Electronic Corporation Kawagoe !	Vorks Last Name
Citizenship	Post Office Address	5	
Dage	Sixth Inventor	First Name	Last Name
Citizenship	Post Office Addres	s	
	Seventh Inventor		Last Name
Residence	Signature Post Office Addres		·
Citizenship			·
Date	Eighth Inventor	First Name	Last Name
		55	
Citizenship	•		
Date			Last Name
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Citizenship			

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NAVIGATION APPARATUS WITH ENHANCED POSITIONAL DISPLAY FUNCTION

which application is: the attached application (for original application)	Mapplication Serial No. 08/016,292 filed February 11, 1993, and amended on (for declaration not accompanying application)				
that I have reviewed and understand the claims, as amended by any amer which I am aware and which is mater claim foreign priority benefits under patent or inventor's certificate listed inventor's certificate on this invention	ndment referred to ial to the examination Title 35, United Sobelow and have al	he specification above; that I acl on of this applicates Code §119, so identified on	of the above-identified knowledge my duty to ation under 37 C.F.R. 1 §172 or §365 of any fo said list any foreign a	d application, including disclose information of 1.56(a); and that I hereby oreign application(s) for application for patent or hich priority is claimed:	
Application Number P4-74032 P4-74033 P4-31046 Thereby claim the benefit of Title 35 msofar as the subject matter of each application in the manner provided duty to disclose any material inform application and the national or PCT	of the claims of the by the first paragr ation under 37 C.F.	March 3 March 3 Februar de §120 of any his application i aph of Title 35, R. 1.56(a) which	0, 1992 y 18, 1992 United States applicat s not disclosed in a li: United States Code, { n occurred between th	sted prior United States §112, I acknowledge my	
Application Serial No.	Filin	g Date	(patented, p	Status pending, abandoned)	
I hereby appoint John H. Mion, Reg. Robert J. Seas, Jr., Reg. No. 21,092; Reg. No. 24,513; J. Frank Osha, Reg. 19,093; Louis Gubinsky, Reg. No. 24,516; Joseph J. Ruch Reg. No. 29,710; Howard L. Bernstein J.,333; Gordon Kit, Reg. No. 30,764; Boland, Reg. No. 32,197, my attorneys Office connected therewith, and red MION, ZINN, MACPEAK & SEAS,	Darryl Mexic, Reg. No. 24,625; Wadde,835; Neil B. Siegel n, Jr., Reg. No. 26,5 n, Reg. No. 25,665; Susan J. Mack, Re to prosecute this ap uest that all corres	No. 23,063; Robell A. Biggart, Reli, Reg. No. 25,207; Sheldon I. L. Alan J. Kasper, leg. No. 30,951; Polication and to topondence abou	pert V. Sloan, Reg. No. 2g. No. 24,861; Robert 0; David J. Cushing, I andsman, Reg. No. 25 Reg. No. 25,426; Kenne Frank L. Bernstein, Re ransact all business in t t the application be ac	. 22,775; Peter D. Olexy, G. McMorrow, Reg. No. Reg. No. 28,703; John R. 5,430; Richard C. Turner, eth J. Burchfiel, Reg. No. g. No. 31,484; and Mark the Patent and Trademark ddressed to SUGHRUE,	
I hereby declare that all statements information and belief are believed to willful false statements and the like Title 18 of the United States Code are or any patent issuing thereon.	o be true; and furt so made are punisl	her that these st hable by fine or	atements were made in imprisonment, or both	with the knowledge that h, under Section 1001 of	
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Residence Kawagoe-shi,		Name Repara	Middle Initial	Last Name	
Saitama, Japan			za Nishi-machi, C	haza Yamada,	
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		Corporation	Kawagoe Works		
Date March 5, 1993	Second Inventor	orio		ARAĶĪ)	
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